



IFWO

RAW SEQUENCE LISTING

DATE: 08/23/2004

PATENT APPLICATION: US/10/799,369

TIME: 15:42:36

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4 <110> APPLICANT: Applied Biosystems
 5 Bolchakova, Elena V.
 6 Rozzelle, James E.
 9 <120> TITLE OF INVENTION: A Novel DNA Polymerase from the Thermophilic Thermus
 Scotoductus

12 <130> FILE REFERENCE: 1560.002WO1
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/799,369
 C--> 14 <141> CURRENT FILING DATE: 2004-03-12

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 18 <151> PRIOR FILING DATE: 2000-09-14
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172 <211> LENGTH: 2502

173 <212> TYPE: DNA

174 <213> ORGANISM: Artificial Sequence

176 <220> FEATURE:

177 <223> OTHER INFORMATION: A derivative nucleic acid related to *Thermus scotoductus*, strain

178 X-1, having GAC (encoding Asp) in place of GGG (encoding Gly) at
 179 positions 136-138.

181 <400> SEQUENCE: 4

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225 <210> SEQ ID NO: 5

226 <211> LENGTH: 2507

227 <212> TYPE: DNA

228 <213> ORGANISM: Artificial Sequence

230 <220> FEATURE:

231 <223> OTHER INFORMATION: A derivative nucleic acid related to *Thermus scotoductus*, strain

232 SM3, having GAC (encoding Asp) in place of GGG (encoding Gly) at

233 positions 136-138.

235 <400> SEQUENCE: 5

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/799,369

DATE: 08/23/2004

TIME: 15:42:37

Input Set : A:\1560002US1.txt

Output Set: N:\CRF4\08232004\J799369.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date